| - 24 (("2619962") or ("3814097") or ("3964482") or ("4270537") USPAT or ("4592753") or ("5003987") or ("5098389") or ("5156591") or ("5250023") or ("5279544") or ("5417662") or ("5527288") or ("5591139") or ("5801057") or ("5820622") or ("5848991") or ("5876582") or ("5879326") or ("5928207") or ("5957895") or ("5997501") or ("6099504") or ("6334856") or ("6346095")).PN. - 6 (("6591133") or ("6256533") or ("6611707") or ("6607513") or ("6503231") or ("6334856")).PN. - 1 (((("2619962") or ("3814097") or ("3964482") or USPAT | PUB |
|--|----------------------|
| ("5156591") or ("5250023") or ("5279544") or ("5417662") or ("5527288") or ("5591139") or ("5801057") or ("5820622") or ("5848991") or ("5876582") or ("5879326") or ("5928207") or ("5957895") or ("5997501") or ("6099504") or ("6334856") or ("6346095")).PN. - 6 (("6591133") or ("6256533") or ("6611707") or ("6607513") or ("6503231") or ("6334856")).PN. | |
| or ("5527288") or ("5591139") or ("5801057") or ("5820622") or ("5848991") or ("5876582") or ("5879326") or ("5928207") or ("5957895") or ("5997501") or ("6099504") or ("6334856") or ("6346095")).PN. 6 (("6591133") or ("6256533") or ("6611707") or ("6607513") or ("6503231") or ("6334856")).PN. USPAT | c; 2004/01/10 15:44 |
| ("5820622") or ("5848991") or ("5876582") or ("5879326") or ("5928207") or ("5957895") or ("5997501") or ("6099504") or ("6334856") or ("6346095")).PN. 6 (("6591133") or ("6256533") or ("6611707") or ("6607513") or ("6503231") or ("6334856")).PN. | c; 2004/01/10 15:44 |
| or ("5928207") or ("5957895") or ("5997501") or ("6099504") or ("6334856") or ("6346095")).PN. - 6 (("6591133") or ("6256533") or ("6611707") or ("6607513") USPAT or ("6503231") or ("6334856")).PN. | '; 2004/01/10 15:44 |
| ("6099504") or ("6334856") or ("6346095")).PN. (("6591133") or ("6256533") or ("6611707") or ("6607513") USPAT or ("6503231") or ("6334856")).PN. US-PGI | '; 2004/01/10 15:44 |
| - 6 (("6591133") or ("6256533") or ("6611707") or ("6607513") USPAT or ("6503231") or ("6334856")).PN. US-PGI | 2004/01/10 15:44 |
| or ("6503231") or ("6334856")).PN. US-PGI | ; 2004/01/10 15:44 |
| | DUD |
| - ((("Zb]99bZ") or ("3814097") or ("39b446Z") or 113PAT | |
| ("4270537") or ("4592753") or ("5003987") or ("5098389") US-PGI | |
| or ("5156591") or ("5250023") or ("5279544") or | r Ob |
| ("5417662") or ("5527288") or ("5591139") or ("5801057") | |
| or ("5820622") or ("5848991") or ("5876582") or | |
| ("5879326") or ("5928207") or ("5957895") or ("5997501") | |
| or ("6099504") or ("6334856") or ("6346095")).PN.) or | |
| ((("6591133") or ("6256533") or ("6611707") or | |
| ("6607513") or ("6503231") or ("6334856")).PN.)) and | |
| ((dermal or dermis) with (administ\$6 or inject\$4 or | |
| absorption or absorb or absorbing)) | 0004/04/10 17 70 |
| - 2 (("5848991") or ("5250023")).PN. USPAT | |
| US-PGI O (intradermal with drug with delivery) and (less adj drug) USPAT | |
| o (intradermal with drug with delivery) and (less adj drug) USPAT US-PGI | · 1 |
| 20 (intradermal with drug with delivery) and (reduc\$4 with USPAT | 1 |
| drug) US-PGI | |
| o (intradermal with drug with delivery) and (((.3 or USPAT | |
| ((("6591133") or ("6256533") or ("6611707") or US-PGI | • |
| ("6607513") or ("6503231") or ("6334856")).PN.)) adj mm) | |
| with depth) | |
| - 0 (intradermal with drug with delivery) and (((.3 or USPAT | |
| ((("6591133") or ("6256533") or ("6611707") or US-PGI | PUB |
| ("6607513") or ("6503231") or ("6334856")).PN.)) adj | |
| mm)) - 0 (intradermal with drug with delivery) and (2mm) USPAT | 2004/01/10 16:05 |
| US-PG | • |
| - 71 (intradermal with drug with delivery) and (mm) USPAT | |
| US-PG | · 1 |
| - 95 intradermal with drug with delivery USPAT | |
| US-PG | PUB |
| - 66 (intradermal with drug with delivery) and (needle or USPAT | • , |
| microneedle) US-PGI | |
| - 15 (intradermal with drug with delivery) and (gauge near3 USPAT | |
| needle) US-PGI | |
| - 49 (intradermal with drug with delivery) and (needle or USPAT microneedle) and mm | · |
| - 41 (intradermal with drug with delivery) and (needle or USPAT | |
| microneedle) and minute 41 (intradermal with drug with derivery) and theedle of US-PG | |
| - 1 ("6569143").PN. USPAT | |
| US-PGI | |
| - 0 (("6569143").PN.) and (minute or min) USPAT | 2004/01/11 11:04 |
| US-PG | |
| - 1 ("20020095134").PN. USPAT | |
| US-PG | |
| - 1 (("20020095134").PN.) and (minute or min) USPAT | |
| US-PGI | . |
| - 1 (("20020095134").PN.) and (reduc\$4 with (drug or dose)) USPAT US-PG | |
| - 0 (("6569143").PN.) and (reduc\$4 with (drug or dose)) | |
| US-PG | |
| - 24 (intradermal with drug with delivery) and (needle or USPAT | 1 |
| microneedle) and (bolus with injection) US-PG | • |

| | | | | , |
|----------|----------------|--|--------------------|------------------|
| - | 1032 | intradermal and subcutaneous and ((comparison or | USPAT; | 2004/01/11 11:28 |
| | | compare or compared or comparing) same (dosage or | US-PGPUB | |
| | | dose or drug) same (amount or volume)) | | |
| - | 22 | ((intradermal and subcutaneous) same (comparison or | USPAT; | 2004/01/11 11:44 |
| | | compare or compared or comparing)) and ((comparison | US-PGPUB | |
| | | or compare or compared or comparing) same (dosage or | | |
| | | dose or drug) same (amount or volume)) | | |
| - | 878 | intradermal same (deliv\$3 or inject\$3 or infus\$3 or | USPAT; | 2004/01/11 11:45 |
| | | administ\$6) same (drug or does) | US-PGPUB | |
| _ | 395 | (intradermal same (deliv\$3 or inject\$3 or infus\$3 or | USPAT; | 2004/01/11 11:47 |
| | | administ\$6) same (drug or does)) and (needle or | US-PGPUB | |
| | | microneedle) | | |
| | 116 | ((intradermal same (deliv\$3 or inject\$3 or infus\$3 or | USPAT; | 2004/01/11 11:48 |
| | | administ\$6) same (drug or does)) and (needle or | US-PGPUB | |
| | | microneedle)) and subcutaneous and ((comparison or | | |
| | | compare or compared or comparing) same (dosage or | | |
| | | dose or drug) same (amount or volume)) | | |
| | 111 | (((intradermal same (deliv\$3 or inject\$3 or infus\$3 or | USPAT; | 2004/01/11 11:58 |
| | | administ\$6) same (drug or does)) and (needle or | US-PGPUB | |
| | | microneedle)) and subcutaneous and ((comparison or | 0010102 | |
| | | compare or compared or comparing) same (dosage or | | |
| | | dose or drug) same (amount or volume))) not | | |
| | | (((intradermal and subcutaneous) same (comparison or | | |
| | | compare or compared or comparing)) and ((comparison | | |
| | : | or compare or compared or comparing) and (comparison or compare or compared or comparing) same (dosage or | | |
| | | | | |
| | , | dose or drug) same (amount or volume))) | USPAT; | 2004/01/11 12:15 |
| - | 2 | (intradermal and subcutaneous).ti. | US-PGPUB | 2004/01/11 12.10 |
| | 47 | (| USPAT; | 2004/01/11 12:52 |
| - | 47 | (intradermal).ti. | US-PGPUB | 2004/01/11 12.52 |
| | | (C + 1 1) (C) + (Co+o 1 - o 1 - o 1 | | 2004/01/11 12:18 |
| - | 45 | ((intradermal).ti.) not ((intradermal and | USPAT; | 2004/01/11 12:16 |
| | | subcutaneous).ti.) | US-PGPUB | 2004/01/11 12:22 |
| - | 9 | (((intradermal).ti.) not ((intradermal and | USPAT; | 2004/01/11 12:22 |
| | | subcutaneous).ti.)) and (reduc\$4 with (drug or dos\$3)) | US-PGPUB | 0004/01/11 10:00 |
| - | 2 | (("5800420") or ("5527288")).PN. | USPAT; US-PGPUB | 2004/01/11 12:22 |
| | , | ///// DOO 40011\ | | 0004/01/11 19:22 |
| - | 1 | ((("5800420") or ("5527288")).PN.) and (protein or | USPAT; US-PGPUB | 2004/01/11 12:33 |
| | | peptide) | | 0004/01/11 10:00 |
| - | 1 | ("5800420").PN. | USPAT; | 2004/01/11 12:33 |
| | _ | (/// TOOK (DOW) TOY) 11 1 | US-PGPUB | 0004/01/11 10 00 |
|] - | 1 | (("5800420").PN.) and bolus | USPAT; | 2004/01/11 12:33 |
| | | | US-PGPUB | 0004/01/11 10 50 |
| - | 12 | ((intradermal).ti.) and ((needle or microneedle) same | USPAT; | 2004/01/11 12:56 |
| | | array) | US-PGPUB | 0004/01/11 10 70 |
| - | 1 | ("6494865").PN. | USPAT; | 2004/01/11 12:56 |
| | | (Mara 10 100 PM PM) | US-PGPUB | 0004/01/11 10 77 |
| - | 0 | (("6494865").PN.) and array | USPAT; | 2004/01/11 12:57 |
| | | | US-PGPUB | |
| - | 0 | (("6494865").PN.) and (needle with (multiple or plural)) | USPAT; | 2004/01/11 12:57 |
| | | | US-PGPUB | |
| - | 0 | (("6569143").PN.) and array | USPAT; | 2004/01/11 12:57 |
| | | | US-PGPUB | |
| - | 0 | (("6569143").PN.) and (needle with (multiple or plural)) | USPAT; | 2004/01/11 12:57 |
| | | | US-PGPUB | |
| - | 1 | (("20020095134").PN.) and array | USPAT; | 2004/01/11 12:57 |
| | | | US-PGPUB | |
| - | 2 | (("5527288") or ("5800420")).PN. | USPAT; | 2004/08/11 10:01 |
| | | | US-PGPUB | |
|] - | 1 | ("20020156453").PN. | USPAT; | 2004/09/13 15:57 |
| | | <u>'</u> | US-PGPUB | |
| - | 80 | (dermal or intradermal) same compar\$5 same | USPAT; | 2004/09/13 16:00 |
| 1 | 1 | subcutaneous same inject\$4 | US-PGPUB | |
| - | 22 | (dermal or intradermal) same compar\$5 same | USPAT; | 2004/09/13 17:42 |
| 1 | _ _ | subcutaneous same inject\$4 same dos\$4 | US-PGPUB | |
| <u> </u> | 1 | to the second se | | <u> </u> |

| - | 16 | (dermal or intradermal) with inject\$4 with low\$5 with | USPAT; | 2004/09/13 16:41 |
|----------|-------|--|----------|------------------|
| | | dos\$4 | US-PGPUB | |
| - | 5 | (dermal or intradermal) with inject\$4 with bioavail\$7 | USPAT; | 2004/09/13 16:49 |
| | | | US-PGPUB | |
| - | 15 | (dermal or intradermal) same compar\$5 same | USPAT; | 2004/09/13 16:50 |
| | | subcutaneous same bioavail\$7 | US-PGPUB | |
| - | 2 | (("5848991") or ("3814097")).PN. | USPAT; | 2004/09/13 17:39 |
| | | | US-PGPUB | |
| <u>-</u> | 1 | ("5527288").PN. | USPAT; | 2004/09/13 17:39 |
| | | | US-PGPUB | |
| l - | 0 | (("5527288").PN.) and plasma | USPAT; | 2004/09/13 17:39 |
| | | `` ', ', ' | US-PGPUB | |
| _ | l 0 | (("5527288").PN.) and profile | USPAT: | 2004/09/13 17:40 |
| | | (Paramatan para | US-PGPUB | |
| <u>-</u> | l 0 | ((("5848991") or ("3814097")).PN.) and plasma | USPAT; | 2004/09/13 17:39 |
| | | (((= = = =) = () = = =) | US-PGPUB | |
| _ | l 0 | ((("5848991") or ("3814097")).PN.) and profile | USPAT: | 2004/09/13 17:40 |
| | | (((| US-PGPUB | |
| <u>-</u> | 13586 | (dermal or intradermal) same subcutaneous | USPAT: | 2004/09/13 17:42 |
| | | | US-PGPUB | |
| <u>-</u> | 12810 | (dermal or intradermal) same subcutaneous same | USPAT: | 2004/09/13 17:43 |
| | | (inject\$4 or administ\$6) | US-PGPUB | |
| <u>-</u> | 5951 | (dermal or intradermal) same subcutaneous same | USPAT; | 2004/09/13 17:44 |
| | 1 | (inject\$4 or administ\$6) same dos\$4 | US-PGPUB | |
| | 398 | ((dermal or intradermal) with dos\$4) same | USPAT: | 2004/09/13 17:50 |
| | | (subcutaneous with dos\$4) same (inject\$4 or administ\$6) | US-PGPUB | |
| _ | 110 | (((dermal or intradermal) with dos\$4) same | USPAT: | 2004/09/13 17:48 |
| | | (subcutaneous with dos\$4) same (inject\$4 or | US-PGPUB | |
| | | administ\$6)) and bioavail\$7 | _ = | |
| 1_ | 4 | 1 | USPAT: | 2004/09/13 18:01 |
| | 1 | dos\$4) same (subcutaneous with dos\$4) same (inject\$4 | US-PGPUB | |
| 1 | | or administ\$6) | | |
| _ | 1 | ("6074657").PN. | USPAT; | 2004/09/13 18:01 |
| | 1 | (00.100.) | US-PGPUB | |
| L | | I | | l , |